### IAP15 RGC'd PCT/PTO 19 APR 2006

#### PATENT APPLICATION

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Masato TAKI, et al.

Group Art Unit

(Unassigned)

Application No.

(Natl. Phase of **PCT/JP2004/015328**)

Examiner

(Unassigned

Filed

(Herewith)

Docket No.

13596/4

For

SEMICONDUCTOR APPARATUS

#### **INFORMATION DISCLOSURE STATEMENT**

COMMISSIONER FOR PATENTS
Customer Service Window
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401 Dulany Street
Alexandria, VA 22314

Sir:

Pursuant to 37 CFR § 1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom. The filing of this Information Disclosure Statement and the enclosed PTO Form No. 1449, shall not be construed as an admission that the information cited is prior art, or is considered to be material to patentability as defined in 37 C.F.R. § 1.56(b). The paragraphs marked below are applicable. It is believed that no fees other than those indicated below are due, but authorization is hereby given to charge any additional fees due, or to credit any overpayment, to deposit account 11-0600.

- 1. This Information Disclosure Statement is being filed (a) within three months of the filing date of a national application other than a continued prosecution application under 37 C.F.R. §1.53(d), (b) within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application, (c) before the mailing date of a first Office Action on the merits in the present application, OR (d) before the mailing of a first office action after filing of a request for continued examination. No certification or fee is required.
- 2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action

on the merits, but before the mailing date of a final action, Notice of Allowance, or any action that otherwise closes prosecution.
a. I hereby certify that each item of information contained in this information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).
□ b. I hereby certify that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).
C. Please debit Deposit Account No. <u>11-0600</u> in the amount of \$180.00 in payment of the fee under 37 CFR §1.17(p) to ensure consideration of the disclosed information. Two duplicate copies of this paper are attached. 37 CFR §1.97(c)(2).
☐ 3. This Information Disclosure Statement is being filed after the mailing date of a final action, Notice of Allowance or an action that otherwise closes prosecution, but before payment of the Issue Fee. Applicant(s) hereby request(s) that the Information Disclosure Statement be considered. Please debit Deposit Account No. 11-0600 in the amount of \$180.00 in payment of the petition fee under 37 CFR §1.17(p) to ensure consideration of the disclosed information. Two duplicate copies of this paper are attached.
☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).
□ b. I hereby certify that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, no item contained in the Information Disclosure Statement was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).
☐ 4. Relevance of the non-English language reference(s) is discussed in the present specification.
☐ 5. The reference(s) was/were cited in a counterpart foreign application. An English language version of the foreign search report is attached for the Examiner's information.

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reference(s) appears in the Appendix attached hereto.
7. The Examiner's attention is directed to co-pending U.S. Patent Application No, filed, which is directed to related technical subject matter. The identification of this U.S. Patent Application is not to be construed as a waiver of secrecy as to that application now or upon issuance of the present application as a patent. The Examiner is respectfully requested to consider the cited application and the art cited therein during examination of the present application.
8. This application is one of a series of related applications, identified in the attached Appendix, which are directed to related technical subject matter. The identification of those U.S. Patent Applications is not to be construed as a waiver of secrecy as to those applications now or upon issuance of the present application as a patent. The Examiner is respectfully requested to consider the cited applications and the art cited therein during the examination.
9. The reference(s) was/were cited by or submitted to the Office in parent application No filed, which is relied upon for an earlier filing date under 35 U.S.C. §120. However, since the IDS filed with the parent application was not considered, copies of the non-patent articles are enclosed.
☑ 10. English-language Abstracts are attached to the non-English language references.
☑ 11. No copies of U.S. patents are required.
☑ 12. Other: The US and GB references were cited in the International Search Report. The Japanese patent references are described in the specification.
Date: 18 April 2006  Respectfully submitted,  David J. Ziberii Reg. No. 36,394
KENYON & KENYON LLP 1500 K Street, N.W.
Washington, D.C. 20005
Telephone: (202) 220-4200 Facsimile: (202) 220-4201

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PTO/SB/08a (08-03)

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	1	US-2002	2/00436	99 A1	04/18	/02	AKIYAMA	\	
	2	US-2004	1/01893	53 A1	09/30	/04	HATADE et	al.	
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FOREIGN PATENT DOCUMENTS										
Cite No. <sup>1</sup>	Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	. Le					
1	GB 2 310 081 A	08/13/97	AL RECTIFIER CORP.							
2	JP 09-055498	02/25/97	ELECTRIC CO LTD							
3	JP 09-283716	10/31/97	ELECTRIC CORP							
4	JP 09-289319	11/04/97	MATSUSHITA ELECTRIC WORKS LTD							
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	No. <sup>1</sup> 1 2 3	Foreign Patent Document	Cite No.1         Foreign Patent Document         Publication Date MM-DD-YYYY           1         GB 2 310 081 A         08/13/97           2         JP 09-055498         02/25/97           3         JP 09-283716         10/31/97	Foreign Patent Document	Foreign Patent Document   Publication Date   Popular of Cited Document   Passages or Relevant Figures Appear    1					

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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く	Sheet	2	of	2	Attorney Docket Number	13596/4		•	

NON PATENT LITERATURE DOCUMENTS									
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2						
	1	Tomohide TERASHIMA, et al.: A New Level-shifting Technique by divided RESURF Structure, International Symposium on Power Semiconductor Devices and ICs. 2/1997 IEEE, pp. 57-60							
	2 .	Tatsuhiko FUJIHIRA, et al.: Self-shielding: New High-Voltage Inter-c onnection Technique for HVICs, International Symposium on Power Semiconductor Devices and ICs, 1996, IEEE, pp. 231-234							
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